

BINDER FOR WATER DISINTEGRATING PAPER AND WATER DISINTEGRATING PAPER OBTAINED BY USING THE SAME

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[57] Abstract:

PROBLEM TO BE SOLVED: To obtain a water disintegrating paper capable of holding an excellent strength even in a wet state and, on the other hand, rapidly disintegrating when disposed in a flush toilet by using a binder for the water disintegrating paper containing a specific modified polyvinyl alcohol.

SOLUTION: This water disintegrating paper is obtained by manufacturing the paper from a binder for the water disintegrating paper containing a modified polyvinyl alcohol having 0.5- 10.0 mol.%, preferably 2.0-8.0 mol.% carboxyl groups in the side chain or coating the water disintegrating paper therewith. The wet wiping type water disintegrating paper is produced by impregnating the water disintegrating paper with an aqueous impregnating liquid in which ≥ 70 wt.% of the whole is composed of water.

[51] **Int'l Class:** D21H01920 D21H01736